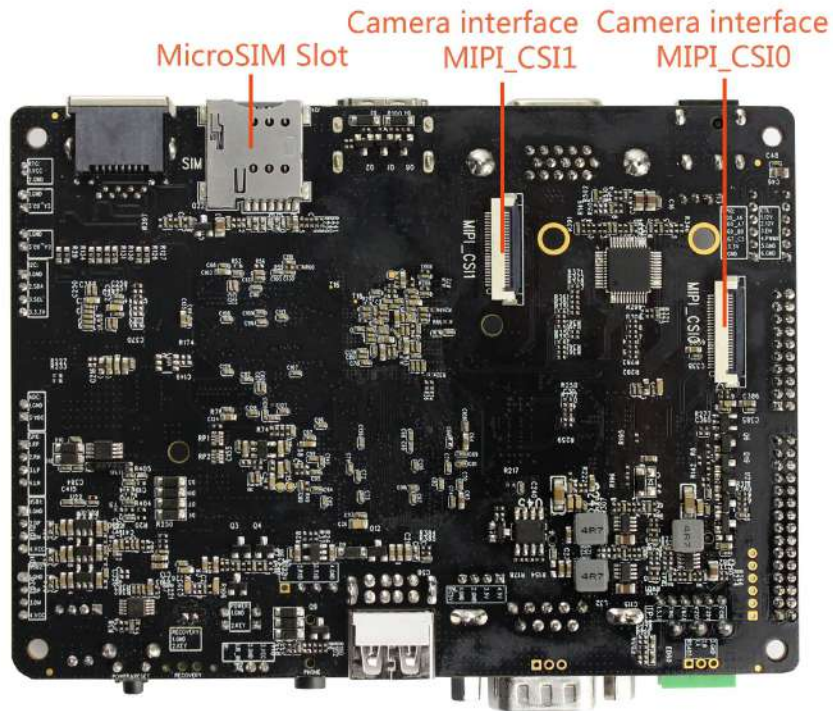
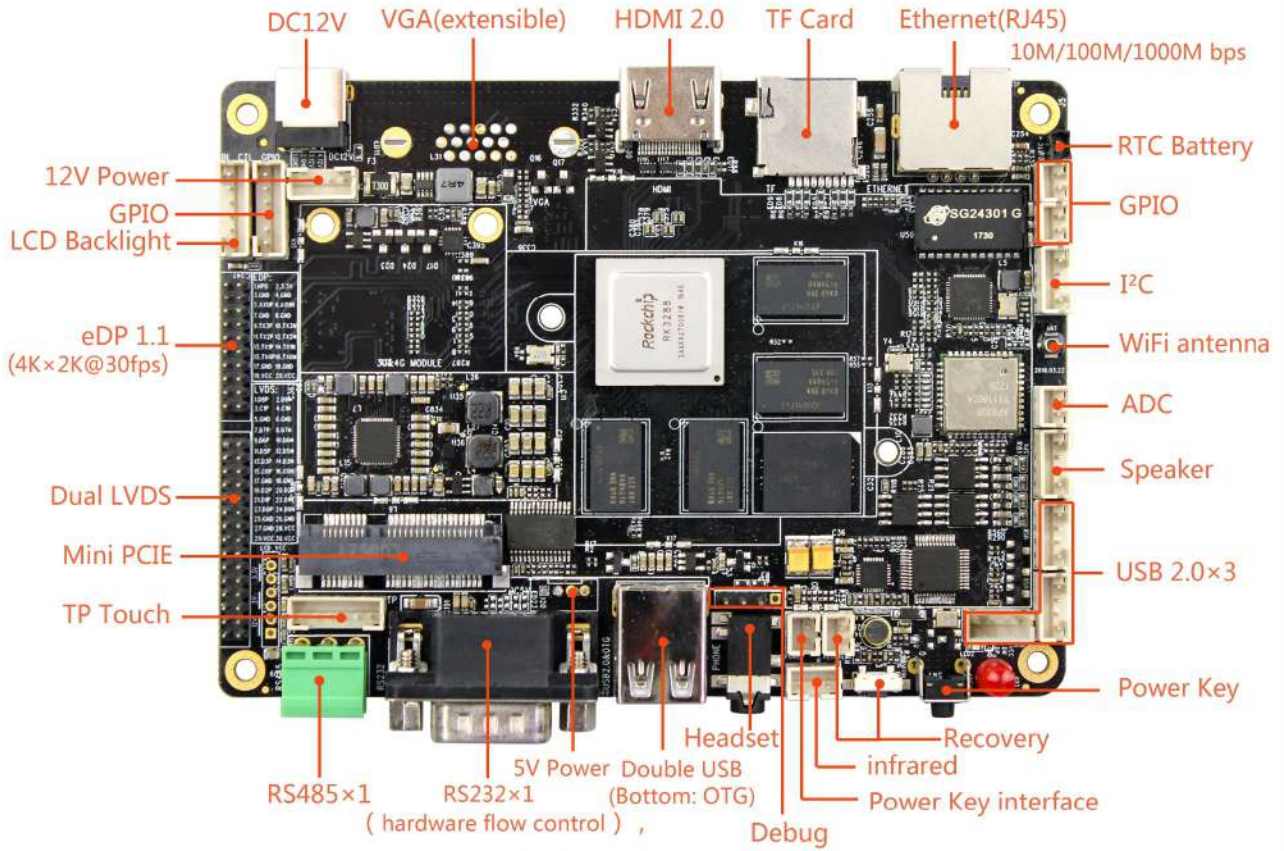


1.3 Mainboard Interface



2 Hardware Specifications

2.1 Main Specifications

Specification	
CPU	RK3288 Quad-core Cortex-A17, frequency up to 1.8GHz
GPU	Mali-T764 GPU, support AFBC(Frame Buffer Compression) Support OpenGL ES 1.1/2.0/3.1, OpenCL, DirectX9.3 Embedded high-performance 2D acceleration hardware
DDR	2GB dual channel DDR3
Storage	8GB eMMC 5.1, Support MicroSD (TF) Card
Network	Support Gigabit Ethernet (RJ45) On-board WIFI/BT module, support single frequency WiFi 2.4GHz, 802.11 b/g/n protocol On-board MINI PCIE (3G/4G) socket and SIM slot, use to expand 3G/4G mobile communication function Support WCDMA,EVDO,4G full Netcom Support Bluetooth 4.2
Multimedia	Support 4K 10bits VP9/H265/H264 video decoding, up to 60fps 1080P Multi-format video decoding (VC-1, MPEG-1/2/4, VP8) 1080P video encoding, support H.264, VP8 formats Video post processor: deinterlacing, denoising, edge/ detail/ color optimization
Display	HDMI 2.0 support 4K 60Hz display, support HDCP 1.4/2.2 VGA interface support 1080P@60Hz output Support dual-screen identical display/dual-screen differential display Main board Scalable: Dual LVDS support 1080P@60Hz LCD screen, eDP1.1 support 4K×2K@32fps
Other	GPIO, USB, ADC, I2C, Key, and voltage input and output interface
Audio	1 x HDMI audio output, 1 x Phone, 1 x Two-channel Speaker (8Ω/2W Speaker amplifier)
USB	1 x USB_OTG, 1 x USB_HOST, 3 x USB
Serial port	1 x RS232(With hardware flow control) , 1 x RS485, 1 x Debug serial port,
IR	With a one-way infrared receiver, Support infrared remote control
OS	Support Android\Linux\Ubuntu system
Power	DC 12V-2A (DC5.5 × 2.1mm)

2.2 Display Performance

Type	Parameter
Screen	10.1 inch IPS screen
Resolution	800 x 1280 Pixel (10:16)
Touch Screen	Capacitive 10-point touch screen
Brightness	200 cd/m2

2.3 Visual parameter

Angle	Parameter	Min	Max
θ_L	$\Phi=180^\circ$ (9 o' clock)	80	85
θ_R	$\Phi=0^\circ$ (3 o' clock)	80	85
θ_T	$\Phi=90^\circ$ (12' clock)	80	85
θ_B	$\Phi=270^\circ$ (6' clock)	80	85

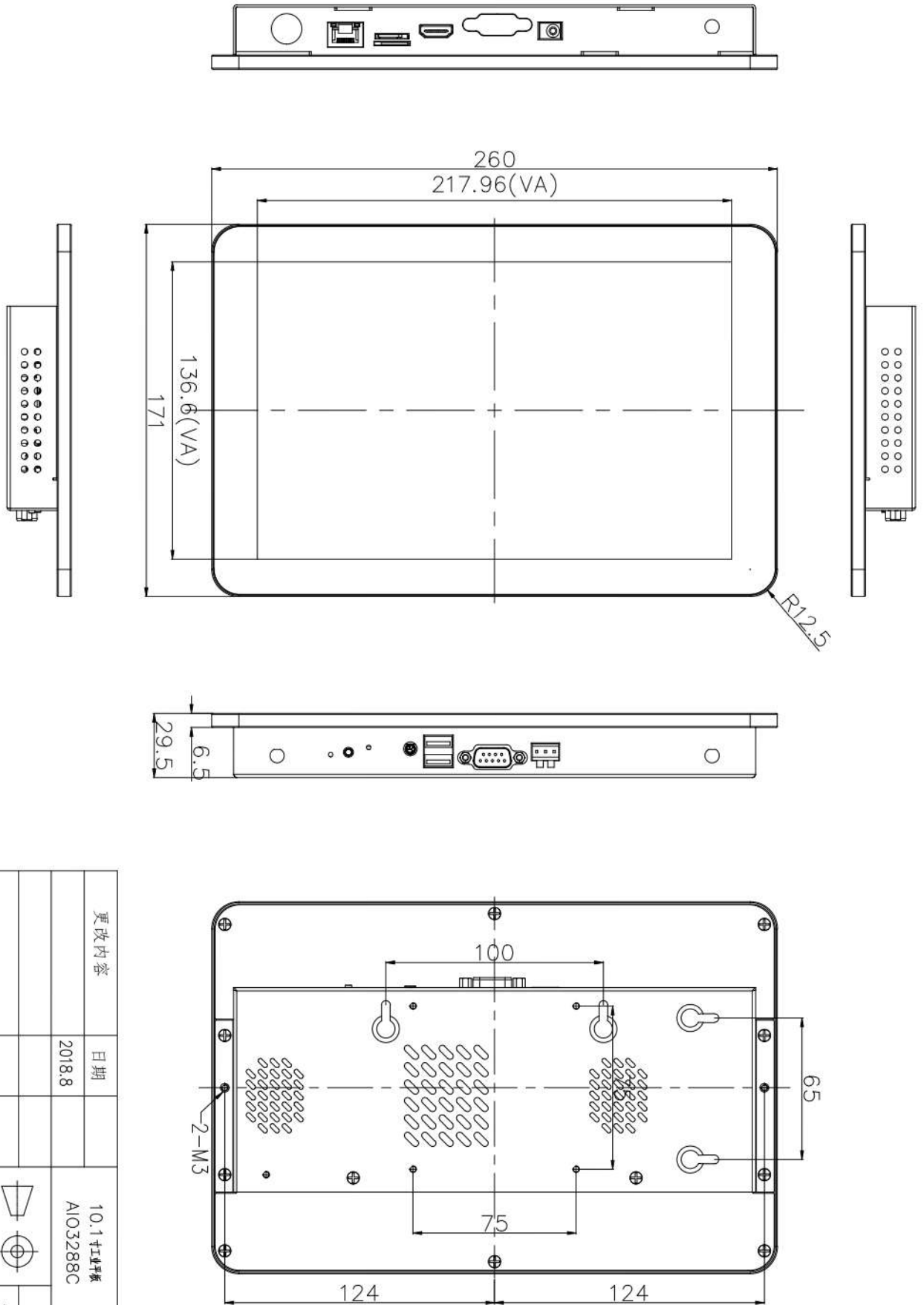
2.4 Environmental Parameter

Type	Min	Typical	Max
Operating Temperature	-20 °C	25 °C	60 °C
Storage Temperature	-40 °C	25 °C	125 °C

2.5 Appearance Structure

Type	Min
Size	260 x 171 x 29.5 mm

3. Size

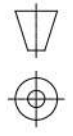


更改内容

日期

2018.8

10.1寸显示屏
AIO3288C



mm
>A2<



天启智能科技有限公司
Firatfly T-CHIP INTELLIGENT TECHNOLOGY CO.,LTD.